



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C10-OH

Job Sheet 176991



Part No: C10-OH

Job Qty: 1 ea

Part Name: C-Series Remote Hook 10,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/3/18

Job Tracking No: RA270

Due Date: 5/18/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: SN: AC12003

Note: O&OPM-C10 REV.4 IPP REV:A 18.01.30 NEW ISSUE DD VERF:DP

Ship Via:

00 5456

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	5/18/18	5/18/18	0.00	0.00	Start Up Small Fab-4		
110	Small Fab	1 pcs	5/18/18	5/18/18	0.00	1.00	Small Fab-9		
120	QC	1 pcs	5/18/18	5/18/18	0.00	0.00	QC5		
130	Customer Acceptance	1 pcs	5/18/18	5/18/18	0.00	0.00	QC6		
140	Outsource	1 pcs	5/18/18	5/18/18			SKY002-VC	5	
150	Packaging	1 pcs	5/18/18	5/18/18	0.00	0.00	Packaging2		
160	QC	1 pcs	5/18/18	5/18/18	0.00	0.00	QC6		
165	Outsource	1 pcs	5/18/18	5/18/18			GRO002-VC	10	
166	Packaging	1 pcs	5/18/18	5/18/18	0.00	0.00	Packaging2		
167	QC	1 pcs	5/18/18	5/18/18	0.00	0.00	QC6		
170	Small Fab	1 pcs	5/18/18	5/18/18	0.00	1.00	Small Fab-9		
180	QC	1 pcs	5/18/18	5/18/18	0.00	0.00	QC5		
185	DC	1 pcs	5/18/18	5/18/18	0.00	0.00	DC		
190	Packaging	1 pcs	5/18/18	5/18/18	0.00	0.00	Packaging3-2		
200	QC21-FG	1 Ea	5/18/18	5/18/18	0.00	0.00	QC21		

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels

GREASE AEROSHELL NO. 7 (M138724) LOCTITE 620 (M138828) SAF-TEZE (M128063)
LOCTITE 648 (M138933) LOCTITE 242 (M138766)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C10-AR	C-Series Remote Hook 10,000 lbs Lift Capacity	1 Ea (1 ea)	100-Start up Operation	
188-FPSS-1/4-20-3/8	Set Screw	2 Ea (2 ea)	170-Small Fab	5048557
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	170-Small Fab	5058750
188-SHCS-1032-3/4	Bolt	8 Ea (8 ea)	170-Small Fab	5042 3630 49355 5104207
2595K2	Heat Shrink	1 ft (1 ea)	170-Small Fab	
32446	Crimp Terminal	2 Ea (2 ea)	170-Small Fab	
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	170-Small Fab	
600-1309	CANAM Plate ID Label	1 pcs (1 ea)	170-Small Fab	
600-1347	C10 Warning Label	1 Ea (1 ea)	170-Small Fab	
AN4-23A	Bolt	2 Ea (2 ea)	170-Small Fab	F123434
AN6-31A	Bolt	6 Ea (6 ea)	170-Small Fab	5082931

C10-1	Side Plate Solenoid Side	1 Ea (1 ea)	170-Small Fab	
C10-10-1	Actuator Shaft	1 Ea (1 ea)	170-Small Fab	
C10-10-2	Actuator Pin	1 pcs (1 ea)	170-Small Fab	E
C10-10-3	Actuator Bushing	2 pcs (2 ea)	170-Small Fab	
C10-11	Manual Release Knob	1 Ea (1 ea)	170-Small Fab	
C10-12	Solenoid Assembly (Figure 4)	1 Ea (1 ea)	170-Small Fab	
C10-12-0	Solenoid	1 Ea (1 ea)	170-Small Fab	
C10-12-1	Spring Pin	1 pcs (1 ea)	170-Small Fab	
C10-2	Side Plate - MRK	1 Ea (1 ea)	170-Small Fab	
C10-21-1	Clock Spring	2 pcs (2 ea)	170-Small Fab	
C10-21-2	Spring Cover	2 Ea (2 ea)	170-Small Fab	
C10-21-4	Lock Washer	8 Ea (8 ea)	170-Small Fab	S038404 S095260
C10-22	Lock Bumper	3 Ea (3 ea)	170-Small Fab	S076184
C10-23	Keeper Weldment	1 Ea (1 ea)	170-Small Fab	
C10-23-1	Keeper Spacer	1 Ea (1 ea)	170-Small Fab	E S029200
C10-23-2	Keeper Spring	1 pcs (1 ea)	170-Small Fab	S060601
C10-23-3	Keeper Bushing	2 Ea (2 ea)	170-Small Fab	S029201
C10-3	Load Beam Bumper	1 Ea (1 ea)	170-Small Fab	S096426
C10-4	Lock	1 Ea (1 ea)	170-Small Fab	
C10-4-10	Spring Anchor Spring Pin	2 pcs (2 ea)	170-Small Fab	S029200
C10-4-11	Lock Shaft	1 Ea (1 ea)	170-Small Fab	
C10-4-2	Lower Lock Roller	1 Ea (1 ea)	170-Small Fab	E S029210
C10-4-3	Upper Lock Roller	1 Ea (1 ea)	170-Small Fab	E S029212
C10-4-4	Upper Lock Roller Shaft	1 Ea (1 ea)	170-Small Fab	
C10-4-5	Lower Lock Roller Shaft	1 Ea (1 ea)	170-Small Fab	
C10-4-6	Lock Spring	1 pcs (1 ea)	170-Small Fab	S029215
C10-4-7	Spring Retaining Pin	1 pcs (1 ea)	170-Small Fab	S029216
C10-4-8	Lock Bushing	2 Ea (2 ea)	170-Small Fab	S074860
C10-4-9	Upper Roller DU Bearing	1 pcs (1 ea)	170-Small Fab	S068887
C10-4-11	Stain Relief Connector	1 Ea (1 ea)	170-Small Fab	
C10-5A	Load Beam Assembly	1 Ea (1 ea)	170-Small Fab	
C10-7	Locating Pin	3 pcs (3 ea)	170-Small Fab	S101825
C10-8	Trunnion Bushing	2 Ea (2 ea)	170-Small Fab	S068715
C10-9-1	Latch	1 Ea (1 ea)	170-Small Fab	S099191
C10-9-2	Latch Bearing Torrington	1 Ea (1 ea)	170-Small Fab	S038782
C10-9-4	Latch Shaft Bearing	2 Ea (2 ea)	170-Small Fab	S077378 S074867
C10-9-5	Latch Shaft	1 Ea (1 ea)	170-Small Fab	
C10-9-6	Latch Return Spring	2 Ea (2 ea)	170-Small Fab	S080841
C2-14-2	Label Rivets	2 Ea (2 ea)	170-Small Fab	
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	170-Small Fab	S072853
C45-12-6	Retaining Ring	2 Ea (2 ea)	170-Small Fab	S097902
C45-8-4	Solenoid Cover Gasket	2 Ea (2 ea)	170-Small Fab	S094821
C45-8-5	Solenoid Cover	1 Ea (1 ea)	170-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL314-SJTOW	3 Wire	1 ft (1 ea)	170-Small Fab	
MS21044N6	Nut, Self-Lock .375-24, UNJF-3B	6 Ea (6 ea)	170-Small Fab	S099740
MS21083N4	Nut	2 Ea (2 ea)	170-Small Fab	S062621
MS27039-4-08	Screw	1 Ea (1 ea)	170-Small Fab	S039330
NAS1149F0432P	Washer	2 Ea (2 ea)	170-Small Fab	S05005-1
NAS1149F0463P	Washer	3 Ea (3 ea)	170-Small Fab	S056461
NAS1149F0632P	Washer	12 Ea (12 ea)	170-Small Fab	S048297
C10-6	TRUNNION	1		S102045

* DO NOT CHARGE

TO CLIENT

AN4-24A BOLT
MS27039-410 SCREW

2

FM137371-1
FM1356030

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	C10	1	0	0
	188-FPSS-1/4-20-3/8	2	204	0
170-Small Fab	188-FPSS-1032-1/4	2	145	0
	188-SHCS-1032-3/4	8	252	0
	2595K2	1	26	0
	32446	2	658	0
	32448	2	159	0
	600.1309	1	100	0
	600.1347	1	0	0
	AN4-23A	2	582	0
	AN6-31A	6	104	0
	C10-1	1	0	0
	C10-10-1	1	4	0
	C10-10-2	1	99	0
	C10-10-3	2	36	0
	C10-11	1	0	0
	C10-12	1	5	0
	C10-12-0	1	0	0
	C10-12-1	1	99	0
	C10-2	1	0	0
	C10-21-1	2	52	0
	C10-21-2	2	0	0
	C10-21-4	8	228	0
	C10-22	3	36	0
	C10-23	1	0	0
	C10-23-1	1	56	0
	C10-23-2	1	48	0
	C10-23-3	2	0	0
	C10-3	1	9	0
	C10-4	1	0	0
	C10-4-10	2	98	0
	C10-4-11	1	24	0
	C10-4-2	1	0	0
	C10-4-3	1	0	0
	C10-4-4	1	0	0
	C10-4-5	1	0	0
	C10-4-6	1	23	0
	C10-4-7	1	14	0
	C10-4-8	2	34	0
	C10-4-9	1	19	0
	C10-41	1	48	0
	C10-5A	1	0	0
	C10-7	3	97	0
	C10-8	2	28	0
	C10-9-1	1	13	0
	C10-9-2	1	14	0
	C10-9-4	2	28	0
	C10-9-5	1	0	0
	C10-9-6	2	39	0
	C2-14-2	2	196	0
	C3-12-6	2	61	0
	C45-12-6	2	84	0
	C45-8-4	1	0	0
	C45-8-5	1	10	0
	EL-PLUG-M	1	79	0
	EL314-SJTOW	1	844	0
	MS21044N6	6	86	0
	MS21083N4	2	264	0
	MS27039-4-08	1	77	0
	NAS1149F0432P	2	2,581	0
	NAS1149F0463P	3	697	0
	NAS1149F0632P	12	566	0
Part Specifications				
Specifications could not be found.				

5/3/2013

[Dart Hawkesbury] Job Sheet - Gagnon-Donovan, Michelle

Caitlin



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C10-OH
Job Sheet 176991



Part No: C10-OH

Job Qty: 1 ea

Part Name: C-Series Remote Hook 10,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/3/18

Job Tracking No: RA270

Due Date: 5/18/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: SN: AC12003

Note: O&OPM-C10 REV.4 IPP REV:A 18.01.30 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea		5/18/18	0.00	0.00	Start Up Small Fab-4		
110	Small Fab	1 pcs		5/18/18	0.00	1.00	Small Fab-9		A.P
120	QC	1 pcs		5/18/18	0.00	0.00	QC5		SB
130	Customer Acceptance	1 pcs		5/18/18	0.00	0.00			DAS
140	Outsource	1 pcs		5/18/18			GRO002-VC	JUN 1 18 2018	13 P/O: 090157
150	Packaging	1 pcs		5/18/18	0.00	0.00	Packaging2		38 18.06.20/18/07/18
160	QC	1 pcs		5/18/18	0.00	0.00	QC6		38
170	Small Fab	1 pcs		5/18/18	0.00	1.00	Small Fab-9		1-85
180	QC	1 pcs		5/18/18	0.00	0.00	QC5		
185	DC	1 pcs		5/18/18	0.00	0.00	DC		
190	Packaging	1 pcs		5/18/18	0.00	0.00	Packaging3-2		
200	QC21-FG	1 Ea		5/18/18	0.00	0.00	QC21		

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels

→ outsource 155: Groupe Altech - P0040308 CC 18-10-22.

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C10-AR	C-Series Remote Hook 10,000 lbs Lift Capacity	1 Ea (1 ea)	100-Start up Operation	
188-FPSS-1/4-20-3/8	Set Screw	2 Ea (2 ea)	170-Small Fab	
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	170-Small Fab	
188-SHCS-1032-3/4	Bolt	8 Ea (8 ea)	170-Small Fab	
2595K2	Heat Shrink	1 ft (1 ea)	170-Small Fab	
32446	Crimp Terminal	2 Ea (2 ea)	170-Small Fab	
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	170-Small Fab	
600.1309	CANAM Plate ID Label	1 pcs (1 ea)	170-Small Fab	
600.1347	C10 Warning Label	1 (1 ea)	170-Small Fab	
AN4-23A	Bolt	2 Ea (2 ea)	170-Small Fab	
AN6-31A	Bolt	6 Ea (6 ea)	170-Small Fab	
C10-1	Side Plate Solenoid Side	1 Ea (1 ea)	170-Small Fab	
C10-10-1	Actuator Shaft	1 Ea (1 ea)	170-Small Fab	
C10-10-2	Actuator Pin	1 pcs (1 ea)	170-Small Fab	
C10-10-3	Actuator Bushing	2 pcs (2 ea)	170-Small Fab	

Plex 5/3/18 3:57 PM Dart.Gagnon.Michelle



Container No: S069179



Part: C10

Job No: 176991

Serial No/Batch: S069179

Revision: 4

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/07/18

C10-11	Manual Release Knob	1 Ea (1 ea)	170-Small Fab
C10-12	Solenoid Assembly (Figure 4)	1 Ea (1 ea)	170-Small Fab
C10-12-0	Solenoid	1 Ea (1 ea)	170-Small Fab
C10-12-1	Spring Pin	1 pcs (1 ea)	170-Small Fab
C10-2	Side Plate - MRK	1 Ea (1 ea)	170-Small Fab
C10-21-1	Clock Spring	2 pcs (2 ea)	170-Small Fab
C10-21-2	Spring Cover	2 Ea (2 ea)	170-Small Fab
C10-21-4	Lock Washer	8 Ea (8 ea)	170-Small Fab
C10-22	Lock Bumper	3 Ea (3 ea)	170-Small Fab
C10-23	Keeper Weldment	1 Ea (1 ea)	170-Small Fab
C10-23-1	Keeper Spacer	1 Ea (1 ea)	170-Small Fab
C10-23-2	Keeper Spring	1 pcs (1 ea)	170-Small Fab
C10-23-3	Keeper Bushing	2 Ea (2 ea)	170-Small Fab
C10-3	Load Beam Bumper	1 Ea (1 ea)	170-Small Fab
C10-4	Lock	1 Ea (1 ea)	170-Small Fab
C10-4-10	Spring Anchor Spring Pin	2 pcs (2 ea)	170-Small Fab
C10-4-11	Lock Shaft	1 Ea (1 ea)	170-Small Fab
C10-4-2	Lower Lock Roller	1 Ea (1 ea)	170-Small Fab
C10-4-3	Upper Lock Roller	1 Ea (1 ea)	170-Small Fab
C10-4-4	Upper Lock Roller Shaft	1 Ea (1 ea)	170-Small Fab
C10-4-5	Lower Lock Roller Shaft	1 Ea (1 ea)	170-Small Fab
C10-4-6	Lock Spring	1 pcs (1 ea)	170-Small Fab
C10-4-7	Spring Retaining Pin	1 pcs (1 ea)	170-Small Fab
C10-4-8	Lock Bushing	2 Ea (2 ea)	170-Small Fab
C10-4-9	Upper Roller DU Bearing	1 pcs (1 ea)	170-Small Fab
C10-41	Stain Relief Connector	1 Ea (1 ea)	170-Small Fab
C10-5A	Load Beam Assembly	1 Ea (1 ea)	170-Small Fab
C10-7	Locating Pin	3 pcs (3 ea)	170-Small Fab
C10-8	Trunnion Bushing	2 pcs (2 ea)	170-Small Fab
C10-9-1	Latch	1 Ea (1 ea)	170-Small Fab
C10-9-2	Latch Bearing Torrington	1 Ea (1 ea)	170-Small Fab
C10-9-4	Latch Shaft Bearing	2 pcs (2 ea)	170-Small Fab
C10-9-5	Latch Shaft	1 Ea (1 ea)	170-Small Fab
C10-9-6	Latch Return Spring	2 Ea (2 ea)	170-Small Fab
C2-14-2	Label Rivets	2 Ea (2 ea)	170-Small Fab
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	170-Small Fab
C45-12-6	Retaining Ring	2 Ea (2 ea)	170-Small Fab
C45-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	170-Small Fab
C45-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	170-Small Fab
C45-8-5	Solenoid Cover	1 Ea (1 ea)	170-Small Fab
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab
EL314-SJTOW	3 Wire	1 ft (1 ea)	170-Small Fab
MS21044N6	Nut, Self-Lock .375-24, UNJF-3B	6 Ea (6 ea)	170-Small Fab
MS21083N4	Nut	2 Ea (2 ea)	170-Small Fab
MS27039-4-08	Screw	1 Ea (1 ea)	170-Small Fab
NAS1149F0432P	Washer	2 Ea (2 ea)	170-Small Fab
NAS1149F0463P	Washer	3 Ea (3 ea)	170-Small Fab
NAS1149F0632P	Washer	12 Ea (12 ea)	170-Small Fab

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	C10	1	0	0
170-Small Fab	188-FPSS-1/4-20-3/8	2	182	0
	188-FPSS-1032-1/4	2	104	0
	188-SHCS-1032-3/4	8	284	0
	2595K2	1	30	0
	32446	2	100	0
	32448	2	173	0
	600.1309	1	0	0
	600.1347	1	0	0
	AN4-23A	2	600	0
	AN6-31A	6	38	0
	C10-1	1	0	0
	C10-10-1	1	0	0
	C10-10-2	1	100	0
	C10-10-3	2	0	0
	C10-11	1	0	0
	C10-12	1	0	0
	C10-12-0	1	0	0
	C10-12-1	1	100	0
	C10-2	1	0	0
	C10-21-1	2	0	0
	C10-21-2	2	0	0
	C10-21-4	8	76	0
	C10-22	3	17	0
	C10-23	1	0	0
	C10-23-1	1	0	0
	C10-23-2	1	54	0
	C10-23-3	2	0	0
	C10-3	1	0	0
	C10-4	1	0	0
	C10-4-10	2	100	0
	C10-4-11	1	1	0
	C10-4-2	1	0	0
	C10-4-3	1	0	0
	C10-4-4	1	0	0
	C10-4-5	1	0	0
	C10-4-6	1	24	0
	C10-4-7	1	15	0
	C10-4-8	2	21	0
	C10-4-9	1	0	0
	C10-41	1	21	0
	C10-5A	1	0	0
	C10-7	3	30	0
	C10-8	2	0	0
	C10-9-1	1	0	0
	C10-9-2	1	6	0
	C10-9-4	2	0	0
	C10-9-5	1	0	0
	C10-9-6	2	17	0
	C2-14-2	2	264	0
	C3-12-6	2	46	0
	C45-12-6	2	48	0
	C45-8-4	2	1	0
	C45-8-5	1	14	0
	EL-PLUG-M	1	56	0
	EL314-SJTOW	1	1,007	0
	MS21044N6	6	68	0
	MS21083N4	2	274	0
	MS27039-4-08	1	86	0
	NAS1149F0432P	2	1,963	0
	NAS1149F0463P	3	466	0
	NAS1149F0632P	12	643	0

Part Specifications

Specifications could not be found.

Inspection Sheet Complete RA270

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order Instructions
C10	AC12003	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S058952	Test Only - Customer needs to see test report prior to proceeding
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____



Remote Cargo Hook Test Form

C10

Work Order

176991

Customer

Serial Number

AC12003

Date

2018/05/10

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	25,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	PASS
10	5,000	Electircal, 25 volts	No "hang ups" permitted	N/A	PASS
2	10,000	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	FAIL
2	7,500	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	FAIL
2	5,000	Electircal, 22 volts	Current shall not exceed 12.4A	9.5 Amp.	PASS
2	2,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.5 Amp.	PASS
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	9.5 Amp.	PASS
1	10,000	Electircal, 20 volts	Current shall not exceed 11.3A	Amp.	FAIL
1	10,000	Electircal, 28 volts	Current shall not exceed 15.8A	12 Amp.	INTERMITENT
1	10,000	Manual		N/A	PASS
1	10,000	Impact Test	Impact shackle 10 times, shall not release	N/A	PASS
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	2.0 Ohms	PASS
1	N/A	Electircal Continuity	Across both wires	N/A	PASS

IMPORTANT NOTE : FAILED TO OPEN WITH HEAVY LOADS.

Test Conducted By

ALAIN PATRY

Technician

Signature:

QC 5 Small FAB / QA

Submit



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040157**

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040157
PO Date: 6/11/18
Due Date: 6/18/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
2	176989	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
3	176990	SWA10A-2-OH	Electric Swivel 10,000 lb Safe Work Load (4,536 Kg)	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	178582			Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:						2	0	2		\$356.00
4	176991	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
5	177599	SWA3-3-OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	177600			Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:						2	0	2		\$356.00
6	ROH178662	SWA6A-6-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Grand Total:										\$1,424.00

Order Notes

**skyservice****Work Order Traveler**

Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO36387	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO040157
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:**CARRY OUT NDT ON :**

- 1 C-SERIES REMOTE HOOK P/N : C60-OH , J/S : 176842 ✓
- 1 C-SERIES REMOTE HOOK P/N : C10-OH J/S : 176989 ✓
- 1 ELECTRIC SWIVEL P/N : SWA10A-2-OH J/S : 176990 ✓
- ① C-SERIES REMOTE HOOK P/N : C10-OH J/S : 176991 ✓
- 1 ELECTRIC SWIVEL P/N : SWA3-3-OH J/S : 177599 ✓
- 1 ELECTRIC SWIVEL P/N : SWA3-3-OH J/S : 177600 ✓
- 1 ELECTRIC SWIVEL P/N : SWA10A-2-OH J/S : 178582 ✓
- 1 ELECTRIC SWIVEL P/N : SWA6A-6-OH J/S : ROH178662 ✓

Action Taken:	Date:	Initial/Stamp:
LIQUID PENETRANT & MAGNETIC PARTICLES INSPECTION CARRIED OUT AS PER ASTM E-1444M-16 & E-1417M-16		
NO CRACK FOUND MAGBENCH S/N 208123 CAL DUE: 7-JULY-2018 POWDER 14A BATCH# MPO13600 CARRIER II BATCH# MPO13923 BLACK LIGHT - M20186 PEN ZL-37, MPO13139, CLEANER SKC-S MPO15030 , DEV. MPO15030 , EMU.(ZR-10B,MPO15896) BLACK LIGHT - M20186	JUN 15 2018	 

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:	ACA/SCA Stamp	Date:
 Name: LUCA MARCHETTA		JUN 15 2018



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040308**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO040308
PO Date: 6/22/18
Due Date: 7/4/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula
Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	176842	C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity -Issue P/O to Groupe Altech: P/O _____ - Strip -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00
2	176991	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity -Issue P/O to Groupe Altech: P/O _____ - Strip -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$75.00/pcs	\$75.00
	176989			Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$75.00/pcs	\$75.00
Sub Total:						2	0	2		\$150.00

DAS
38
9-89

Items											
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
3	177399	C45-K-OH	C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless -Issue P/O to Groupe Altech: P/O _____ - Strip -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00	
4	179782	PC250-700	-Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade C -Nickel Plate .0004-.0006 - Certificate of Conformity is required	Firmed	7/4/18	1 pcs ✓	0 pcs 1x	1 pcs	\$225.00/pcs	\$225.00 A118/02/10	
5	R179783	C10-10-1	Actuator Shaft -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	4 pcs	0 pcs	4 pcs	\$37.50/pcs	\$150.00	
6	179831	RBW6305G02831-3G	Tool, Main Gear Box Upper Fitting Replacement -Issue P/O to GROUPE ALTECH: P/O _____ Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Material type; 1018 -Certificate of Conformity is required	Firmed	7/4/18	2 pcs	0 pcs	2 pcs	\$45.00/pcs	\$90.00 2x Cind 18.07.03	

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	R179819	PC250-600	Bell Crank -Issue P/O to GROUPE ALTECH: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Material type; -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs 1x	1 pcs	\$150.00/pcs	\$150.00
8	178860	RBW6420G00131-8G-1	Base Welded Assy -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type; 4140 -Certificate of Conformity is required	Firmed	7/4/18	6 pcs	0 pcs 6x	6 pcs	\$37.50/pcs	\$225.00
									Grand Total:	\$1,290.00
Order Notes										
Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.										

Plex 6/29/18 12:34 PM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(010559-3)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

010559 - 3

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
09-Jul-2018		Aman		040308				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C60-OH Rev.	C60-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL-200 CH	1	1	0	0	0
2	C-10-OH Rev.	C-SERIES REMOTE HOOK (SET OF 5) 01 -E-NIC STEEL 500 [E-NICKEL STEEL 500] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL CH	2	2	0	0	0
3	C45-K-OH Rev.	C45-K-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL CH	1	1	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.



Overhaul Incoming Inspection
C10 Cargo Hook

Customer

176991

Date

2018/06/25

Part Number

Serial Number

AC12003

RA 270

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

C10-6 LOAD BEAM TRUNION S1020⁴⁵ ☒

C10-4-2 LOWER LOCK ROLLER ☐

C10-4-3 UPPER LOCK ROLLER E ☐

C10-23-1 KEEPER SPACER E ☐

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Inspected By

ALAIN PATRY



Overhaul Incoming Inspection
C10 Cargo Hook

Customer

176991

Date

2018/08/07

Part Number

Serial Number

AC/2003

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

C10-12 SELENOID

~~S102924~~

S096833

☐☐☐☐☐☐☐☐☐☐

Inspected By

ALAIN PATRY



Remote Cargo Hook Test Form

C10

Work Order 176991

Customer RA 270

Serial Number AC12003

Date 2018/09/14

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	25,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	5,000	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	10,000	Electircal, 22 volts	Current shall not exceed 12.4A	8.6 Amp.	Pass
2	7,500	Electircal, 22 volts	Current shall not exceed 12.4A	8.6 Amp.	Pass
2	5,000	Electircal, 22 volts	Current shall not exceed 12.4A	8.6 Amp.	Pass
2	2,500	Electircal, 22 volts	Current shall not exceed 12.4A	8.5 Amp.	Pass
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	8.4 Amp.	Pass
1	10,000	Electircal, 20 volts	Current shall not exceed 11.3A	7.6 Amp.	Pass
1	10,000	Electircal, 28 volts	Current shall not exceed 15.8A	10.9 Amp.	Pass
1	10,000	Manual		N/A	Pass
1	10,000	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	1.8 Ohms	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By Francis Caletix
Technician

Signature: Sylvia Pancher
QC 5 Small FAB / QA

Submit